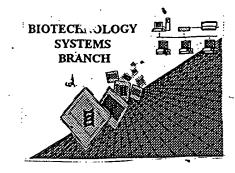
0400

RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _	10 005,337
Source:	OIPE
Date Processed by STIC:	12/14/01

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,

2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216. PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax) PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER</u> <u>VERSION 3.0 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address: http://www.uspto.gov/web/offices/pac/checker

Raw Sequence Listing Error Summary . . .

ERROR DETECTED	SUGGESTED CORRECTION SERIAL NUMBER: 10 005,337
ATTN: NEW RULES CASES	: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE
lWrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
2Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.
3Misaligned Amino Numbering	The numbering under each 5 th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
4Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
5Variable Length	Sequence(s)contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
6PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
7Skipped Sequences (OLD RULES)	Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped
	Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
8Skipped Sequences (NEW RULES)	Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000
9Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
10Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
11Use of <220>	Sequence(s) 4+5 missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
"bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

OIPE

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Output Set: N:\CRF3\12142001\1005337.raw Corrected Diskette Needed
      3 <110> APPLICANT: BENOIT, Patrick
              SCHWARTZ, Bertrand
             BRANELLEC, Didier
      5
             CHIEN, Kenneth R.
      6
      8 <120> TITLE OF INVENTION: SEQUENCES UPSTREAM OF THE CARP GENE, VECTORS CONTAINING
             THEM AND USES THEREOF
    11 <130> FILE REFERENCE: 03806.0530-00000
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/005,337
    15 <141> CURRENT FILING DATE: 2001-12-07
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    30 ttcaggatca gcctgattct agggcagcag ttctcaacct gggggcctcg acccctttgg 240
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/005,337

Input Set : A:\Seqlist6064.txt

Contract the second second second

DATE: 12/14/2001

Does Not Comply

TIME: 09:51:23

RAW SEQUENCE LISTING DATE: 12/14/2001 PATENT APPLICATION: US/10/005,337 TIME: 09:51:23

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RAW SEQUENCE LISTING DATE: 12/14/2001 .. PATENT APPLICATION: US/10/005,337 TIME: 09:51:23

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121	Phe	Thr	Asp	Thr	Leu	Ser	Ala	Asn	Ile	Ser	Gln	Glu	Met	Thr	Met	Val
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	Ser	Pro	Phe		Tle	Tvr	Asp	Met		Ser	Leu	Met	Met		Glu	Asp
170	501		275	,		-1-	F	280					285	1		
	T.vs	Tle		Phe	T.v.s	His	Tle	Thr	Pro	Leu	G1n	Glu		Ser	Lvs	Glu
173	270	290	_,_	1 110	11,0		295			Lou	0111	300	0111	501		014
	Val		Tle	Δτα	Tle	Dhe		Gly	Cvs	Gln	Dh≏		Ser	Val	Glu	Δla
176		mu		**** 9	110	310	01	011	O _I S	0111	315	9	501		014	320
		Gln	Glu	τlρ	Thr		ጥህጉ	Ala	T.vg	Ser		Pro	G1 v	Dho	Va 1	
179	VUI	GTII	JIU	116	325	GIU	- Y -	TTU	בעה	330	TTC	110	OTY	1 116	335	ഹവ
	T,eu	Δen	T.e.11	Δen		Gln	Va 1	Thr	T.e.ii		T.v.c	туг	Glv	Va l		Glu
182	cu	ash	பபே	340	тэр	0111	, u i	1111	345	Leu	пуз	- <u>7</u> -	оту	350	117.0	Jau
102				340					247					220		

RAW SEQUENCE LISTING DATE: 12/14/2001 PATENT APPLICATION: US/10/005,337 TIME: 09:51:23

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	Met		Gly	Glu	Asp	Lys		Lys	Phe	Lys	His		Thr	Pro	Leu	Gln
218	C1.,	530	Con	T	C1	17n 7	535	т1 о	7 ~~	т1.	Dha	540	C1	Ctra	Cln	Dho
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230	T	3	595	77 - J	T	- 1-	G	600	a 1	01 =	a 1	Dh.	605	m b	7	01
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RAW SEQUENCE LISTING

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PATENT APPLICATION: US/10/005,337

DATE: 12/14/2001 TIME: 09:51:23

31

Input Set : A:\Seqlist6064.txt

Output Set: N:\CRF3\12142001\I005337.raw

Requires L2207 to L2737 - with explanation

Requires L2207 to L2737 - see erver

Summary sheet item | 1

Summary sheet item | 1 257 740 745 260 <210> SEQ ID NO: 4 261 <211> LENGTH: 30 262 <212> TYPE: DNA 263 <213> ORGANISM: Artificial sequence W--> 265 <220> FEATURE: W--> 265 <223> OTHER INFORMATION: 265 <400> SEQUENCE: 4 30 C--> 266 ggcgatttaa ataatgtagt cttatgcaat 269 <210> SEQ ID NO: 5 270 <211> LENGTH: 31 271 <212> TYPE: DNA 272 <213> ORGANISM: Artificial sequence W--> 274 <220> FEATURE: W--> 274 <223> OTHER INFORMATION: 274 <400> SEQUENCE: 5

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/005,337

DATE: 12/14/2001

TIME: 09:51:24

Input Set : A:\Seqlist6064.txt

Output Set: N:\CRF3\12142001\1005337.raw

L:13 M:270 C: Current Application Number differs, Replaced Application Number

L:265 M:258 W: Mandatory Feature missing, <220> FEATURE:

L:265 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:

L:266 M:112 C: (48) String data converted to lower case, L:274 M:258 W: Mandatory Feature missing, <220> FEATURE:

L:274 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:

L:275 M:112 C: (48) String data converted to lower case,